



**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

**Doralum Corporation
7040 N. W. 77 Terrace
Medley, FL 33166**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "100" Aluminum Out swing Doors w/ Sidelites - Impact

APPROVAL DOCUMENT: Drawing No. W01-20, titled "Series 100 Alum Swing Door w/ Sidelites", sheets 1 through 6 of 6, prepared by Al Farooq Corp., dated 01-24-02 last revised on FEB 22, 012, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitation: See Design Pressure ratings Vs size & glass types per chart A or B in sheet 2, as applicable

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises & renews** NOA # 07-0109.08 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

4/16/12

**NOA No 12-0305.03
Expiration Date: April 12, 2013
Approval Date: April 26, 2012
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (transferred from file # **07-0109.08**)
2. Drawing No. **W01-20**, titled "Series 100 Alum Swing Door w/ Sidelites", sheets 1 through 6 of 6, prepared by Al Farooq Corp., dated 01-24-02 last revised on FEB 22, 012, signed and sealed by Javad Ahmad, P.E.

A. B. TESTS (transferred from file # **08-0418.02**) Original test conducted per SFBC, PA 201, 202 & 203-94 now termed as FBC, TAS 201, 202 & 203-94

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

Along with installation diagram of an outswing doors w/ sidelites prepared by Fenestration Testing Laboratory Inc, dated March 21, 2001 Test Report No.1 (**FTL-2811**), signed and sealed by Antonio Acevedo, P.E and revised by addendum letter, issued by FTL, signed and sealed by Luis Figueredo, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2010, prepared by Al Farooq Corporation, dated 02/22/12, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies w/ ASTM E-1300-02 & -04

D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

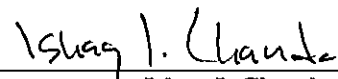
1. Notice of Acceptance No. 07-1116.11 issued to Safe-glas L.L.C. for "SAF GLASS – polycarbonate interlayer", expiring on 12/16/12.
2. Notice of Acceptance No. 08-0709.04 issued to Nebula Glass International Inc dba Glasslam. for "Safety-Plus II Laminated Glass", expiring on 08/07/13.
3. Notice of Acceptance No. 11-0325.05 issued to Solutia Inc. for "Saflex color & clear interlayer", expiring on 05/21/16.

F. STATEMENTS

1. Statement letter of conformance to FBC 2010 and letter of no financial interest, prepared by Al Farooq Corporation, dated 02/20/12, signed and sealed by Javad Ahmad, P.E.
2. Lab compliance as part of the above referenced test report.
3. Statement letter dated April 17, 2012, issued by Fenestration Testing Lab (FTL) for upcoming test schedule, signed by Jose sanchez.

G. OTHER

1. This NOA **revises & renews** NOA # **07-0109.08**, expiring on April 12, 2013.
2. One year conditional approval subjected to successful verification test.

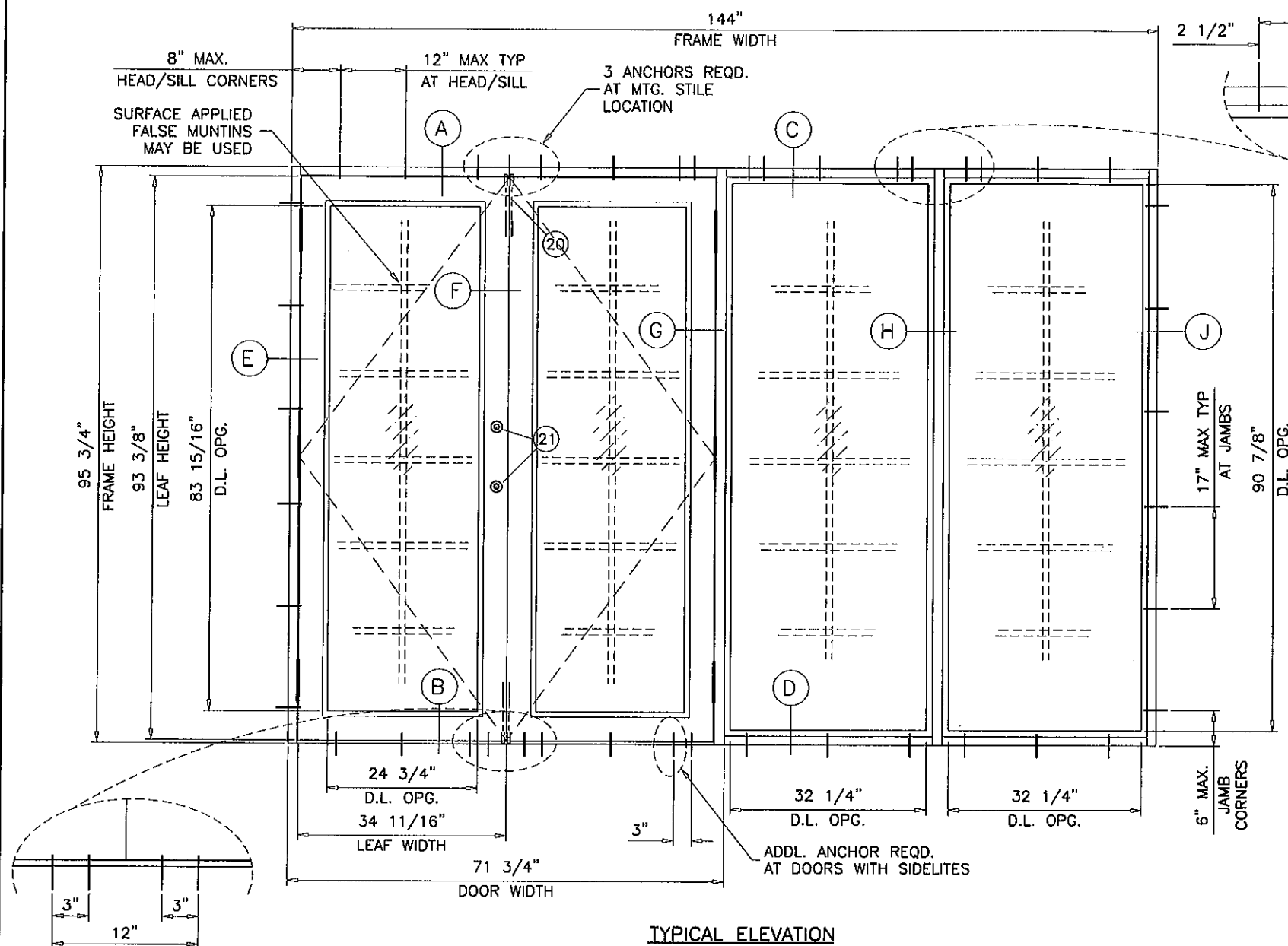


Ishaq I. Chanda, P.E.
Product Control Examiner

NOA No 12-0305.03

Expiration Date: April 12, 2013

Approval Date: April 26, 2012



TYPICAL ELEVATION
(XXOO)
TESTED UNIT

SERIES-100 ALUMINUM SWING DOOR W/ SIDELITES

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH OR WITHOUT SIDELITES. SIDE LITES CAN BE ON ONE OR BOTH SIDES OF DOOR. SEE SHEET 2 FOR DESIGN LOAD CAPACITIES.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

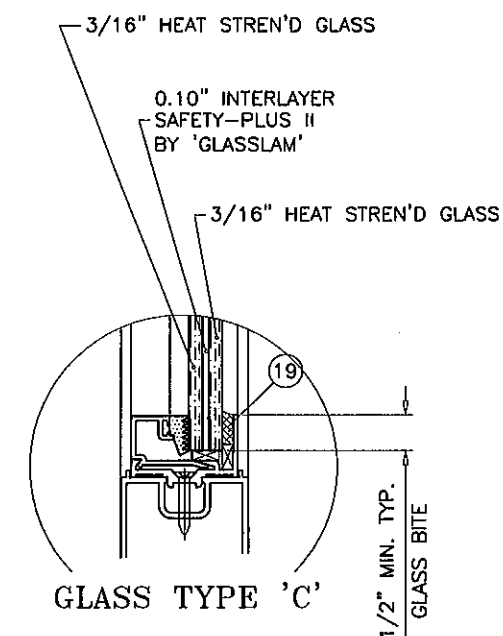
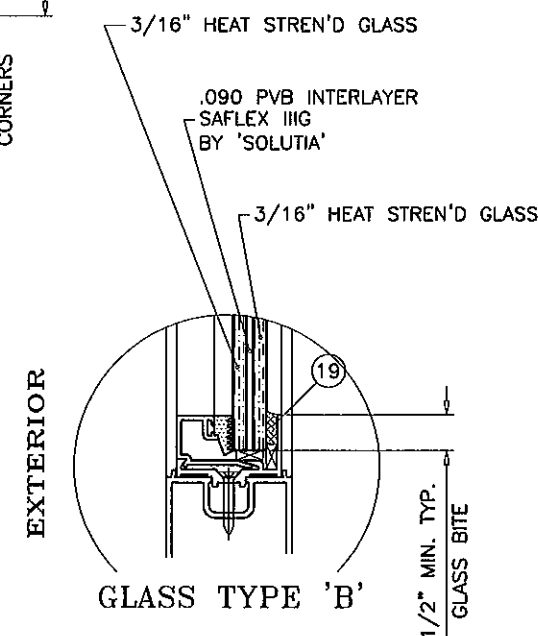
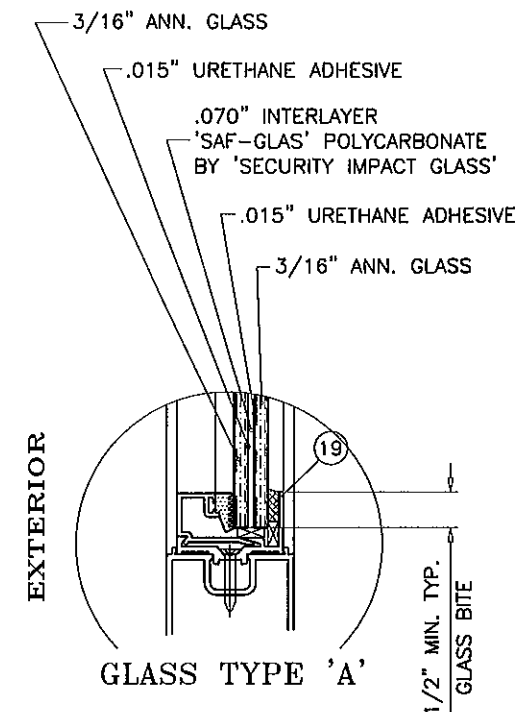
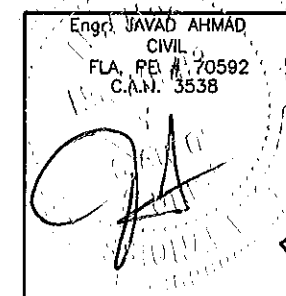
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 12-0305-03
Expiration Date APR 12, 2013
By Ishaq I. Chaudhry
Product Engineer/Project Engineer

DOORS/SIDELITES ARE RATED FOR LARGE MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

GLAZING OPTIONS



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W01-20DAC

SERIES-100 ALUM SWING DOOR W/ SIDELITES
DORALUM CORPORATION
7040 N.W. 77 TERRACE
MIAMI, FL. 33166
TEL (305) 884-3922 FAX (305) 884-1464

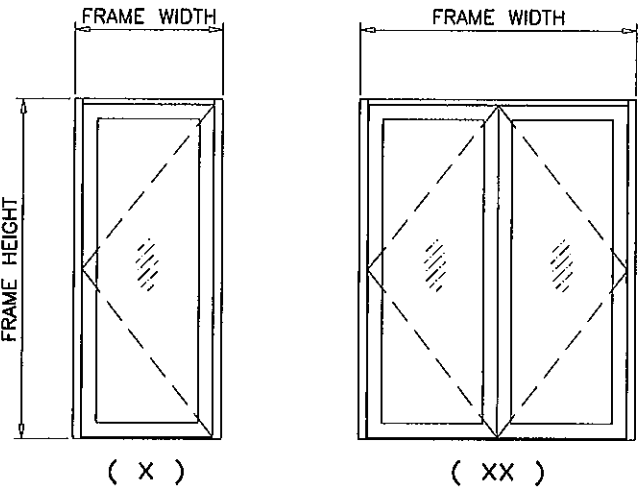
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B	12.12.06	UPDATED FOR 2004 FBC
C	02.22.12	UPDATED TO 2010 FBC

date: 04-21-01
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W01-20
sheet 1 of 6

CHART A (FOR X & XX DOORS)

DOORS WITHOUT SIDELITES			
DESIGN LOAD CAPACITY - PSF			
NOMINAL DIMS.		GLASS TYPES 'A', 'B' OR 'C'	
PANEL WIDTH FT./IN.	DOOR HEIGHT FT./IN.	EXT.(+)	INT.(-)
2/6	6/8	62.0	81.0
3/0		62.0	81.0
2/6	8/0	62.0	81.0
3/0		62.0	81.0



HEIGHTS:

NOMINAL HEIGHT	FRAME HEIGHT	LEAF HEIGHT	DAYLITE OPG.
6/8	79-7/8"	77-3/8"	67-5/8"
8/0	95-7/8"	93-3/8"	83-5/8"

WIDTHS:

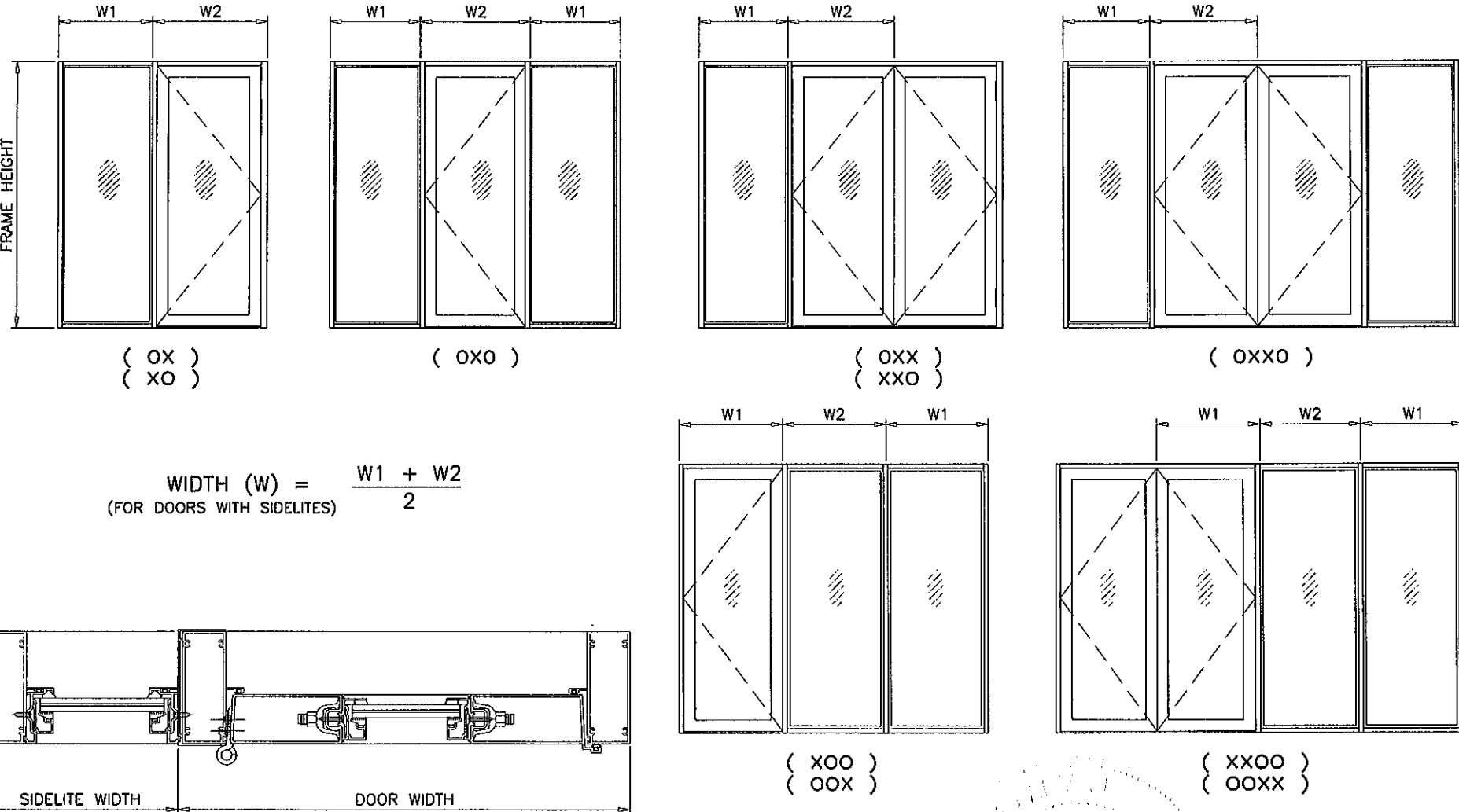
NOMINAL WIDTH	FRAME WIDTH	LEAF WIDTH	DAYLITE OPG.
2/6 (X)	31-1/2"	28-11/16"	18-15/16"
3/0 (X)	37-1/2"	34-11/16"	24-15/16"
5/0 (XX)	59-3/4"	28-11/16"	18-15/16"
6/0 (XX)	71-3/4"	34-11/16"	24-15/16"

PRODUCT REVISED
to comply with the Florida
Building Code
Amendment No. 12-0305-03
Expiration Date 4/12/13
By: Ishaq I. Chaudhry
Product Code: Product Code

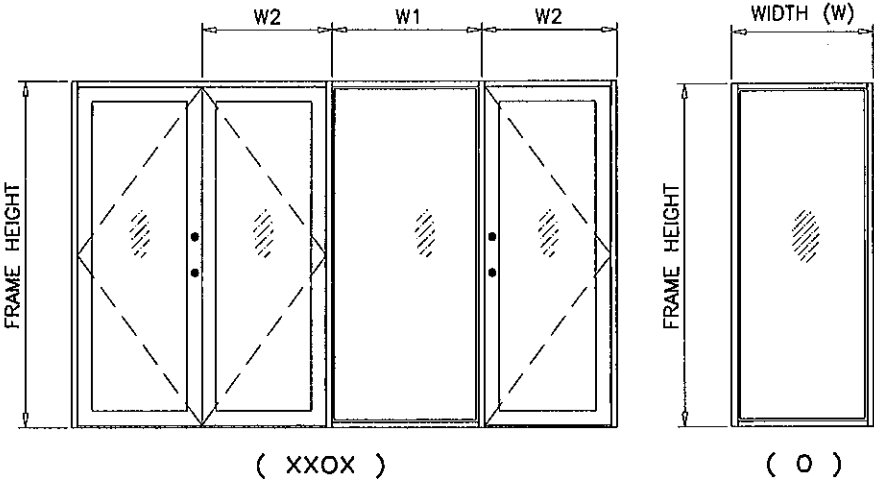
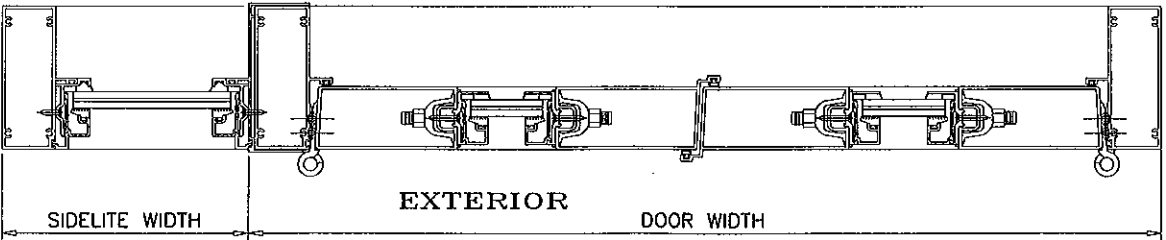
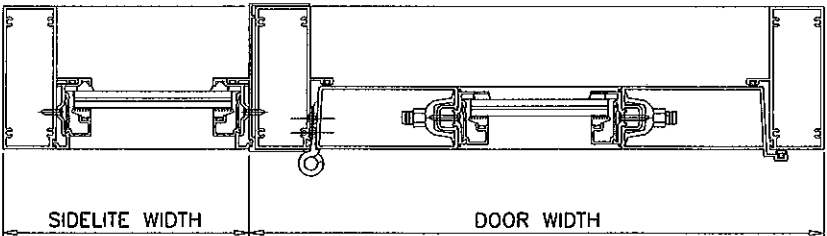
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

CHART B

STATIONARY PANEL (O) OR DOORS WITH SIDELITES					
DESIGN LOAD CAPACITY - PSF					
WIDTH (W) INCHES	FRAME HEIGHT FT./IN.	GLASS TYPE 'A'		GLASS TYPE 'B' & 'C'	
		EXT. (+)	INT. (-)	EXT. (+)	INT. (-)
32	7/0	62.0	81.0	62.0	81.0
33		62.0	78.3	62.0	81.0
34		62.0	69.8	62.0	81.0
35		62.0	66.5	62.0	81.0
36		62.0	63.1	62.0	81.0
32	8/0	62.0	81.0	62.0	81.0
33		62.0	78.3	62.0	79.2
34		62.0	69.8	62.0	78.3
35		62.0	66.5	62.0	77.6
36		62.0	63.1	62.0	76.5



WIDTH (W) = $\frac{W1 + W2}{2}$
(FOR DOORS WITH SIDELITES)



Engr. JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
FEB 22 2012

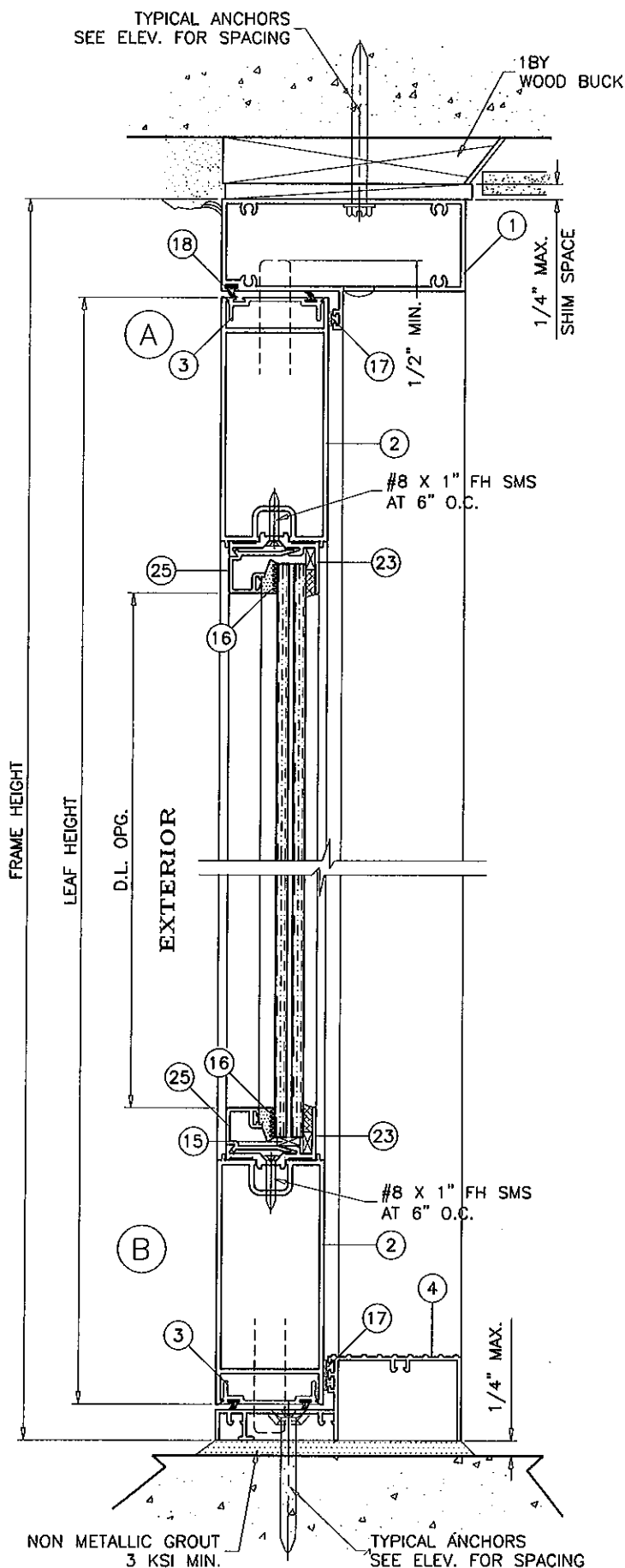
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL W01-20DAC

SERIES-100 ALUM SWING DOOR W/ SIDELITES
DORALUM CORPORATION
7040 N.W. 77 TERRACE
MIAMI, FL. 33166
TEL. (305) 884-3922 FAX (305) 884-1464

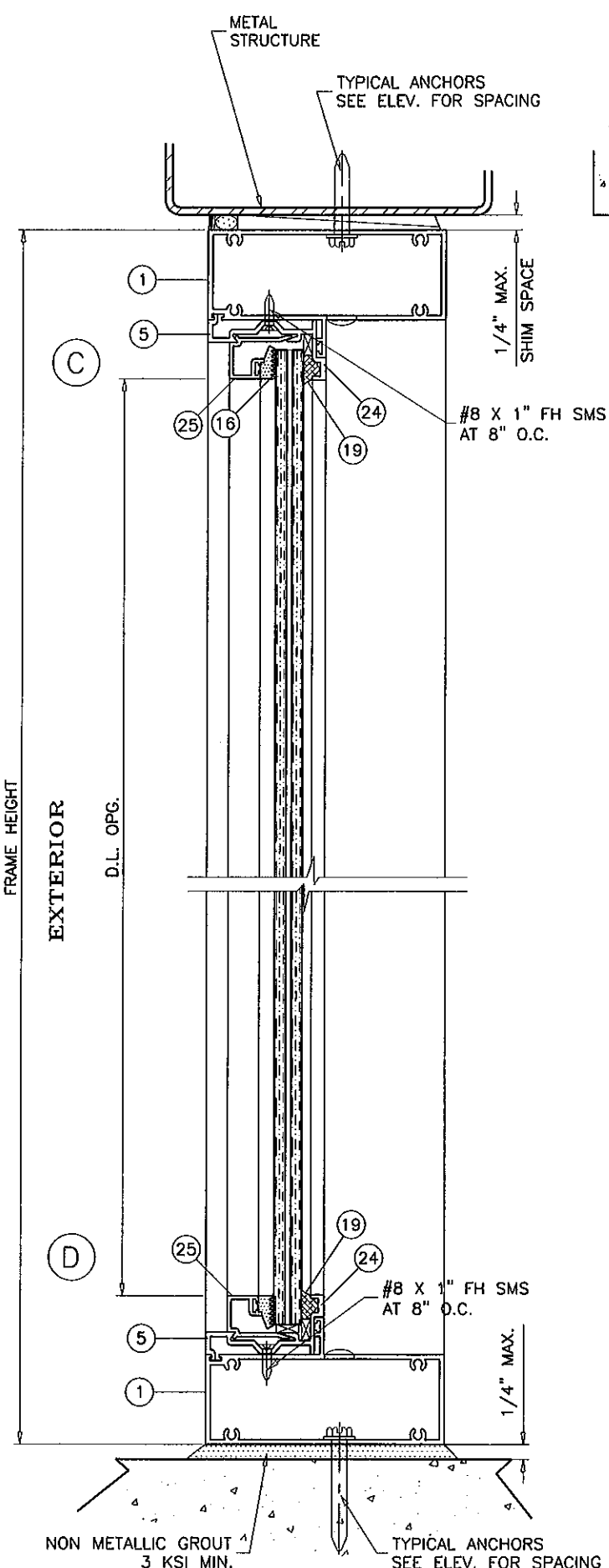
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B	12.12.06		UPDATED FOR 2204 FBC
C	02.22.12		UPDATED TO 2010 FBC

date:	04-21-01
scale:	-
dr. by:	HAMID
chk. by:	

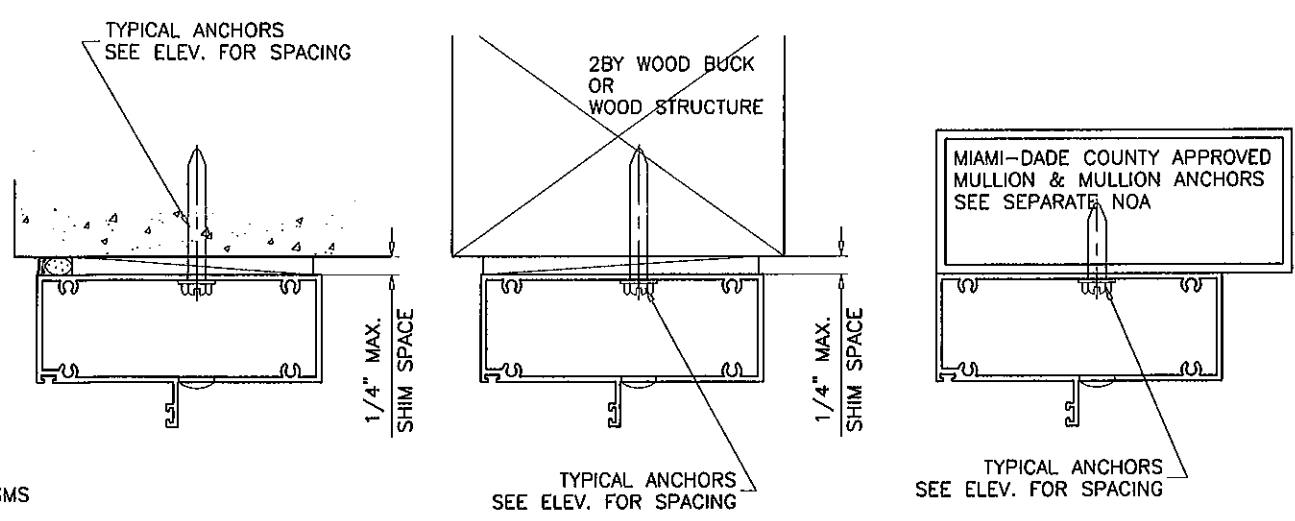
drawing no.
W01-20
sheet 2 of 6



OPERABLE UNITS



STATIONARY UNITS



WOOD BUCKS AND METAL STRUCTURE NOT BY DORALUM MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA. ULTRACON BY 'ELCO' ($F_u=177$ KSI, $F_y=155$ KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-3/8" MIN. PENETRATION INTO WOOD
 THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
 DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO METAL STRUCTURES
 STEEL : 12 GA. MIN. ($F_y = 36$ KSI MIN.)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
 (NO SHIM SPACE)
TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 5/8" MIN.
 CONCRETE AT HEAD, SILL OR JAMBS $f'_c = 3000$ PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS $f'_m = 2000$ PSI MIN.

SEALANTS:
 FRAME AND LEAF CORNERS, INSTALLATION SCREWS AT SILL AND ALL METAL PARTS CONNECTIONS SEALED WITH CLEAR COLORED SEALANT.

PRODUCT REVISED
 in accordance with the Florida
 Building Code
 Assignment No. 12-0305.03
 Expiration Date 4/12/13
 By: Ishaq J. Chaudhry
 Miami Dade Product Control

Engr: JAVAD AHMAD
 CIVIL
 FLA. P.E. # 70592
 C.A.N. 3538
 FEB 22 2012

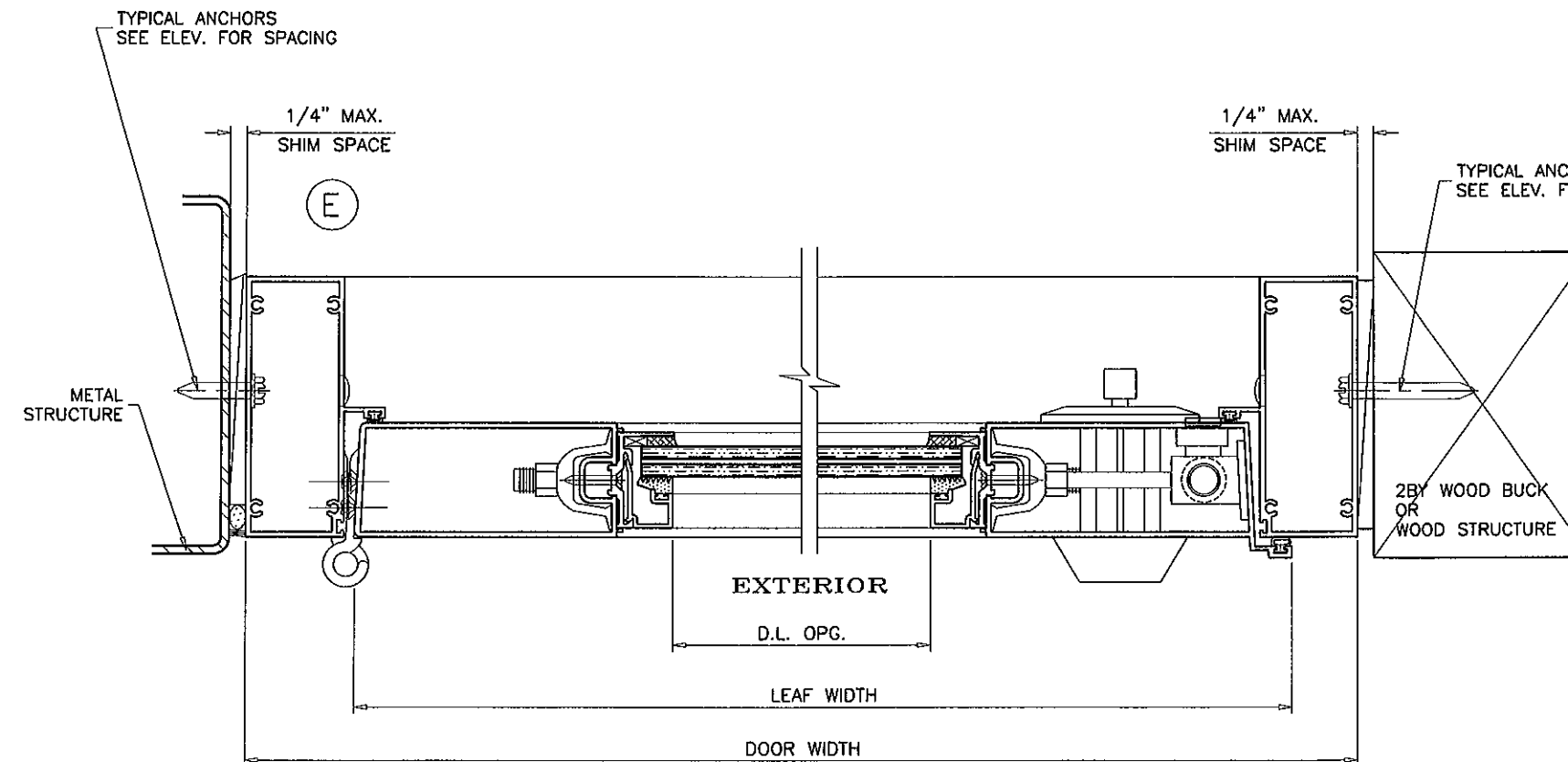
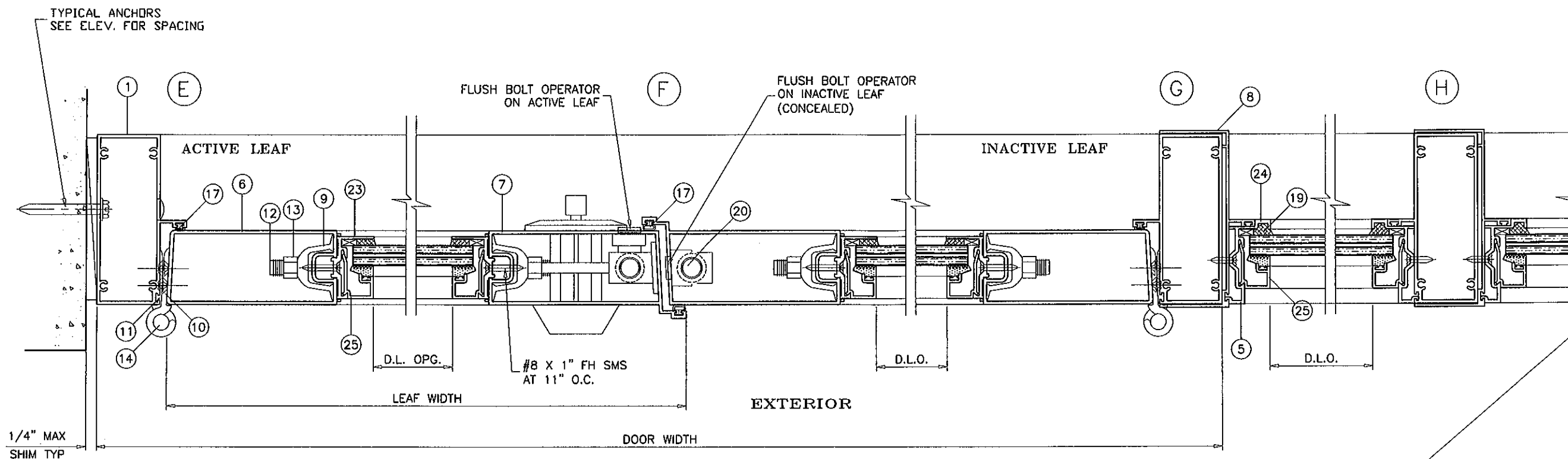
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL (305) 264-8100 FAX (305) 262-6978
 COMP-ANL\W01-20DAC

DORALUM CORPORATION
 7040 N.W. 77 TERRACE
 MIAMI, FL. 33166
 TEL (305) 884-3922 FAX (305) 884-1464

revisions:		by description	
no	date	no	date
B	12.12.06		UPDATED FOR 2204 FBC
C	02.22.12		UPDATED TO 2010 FBC

date: 04-21-01
 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

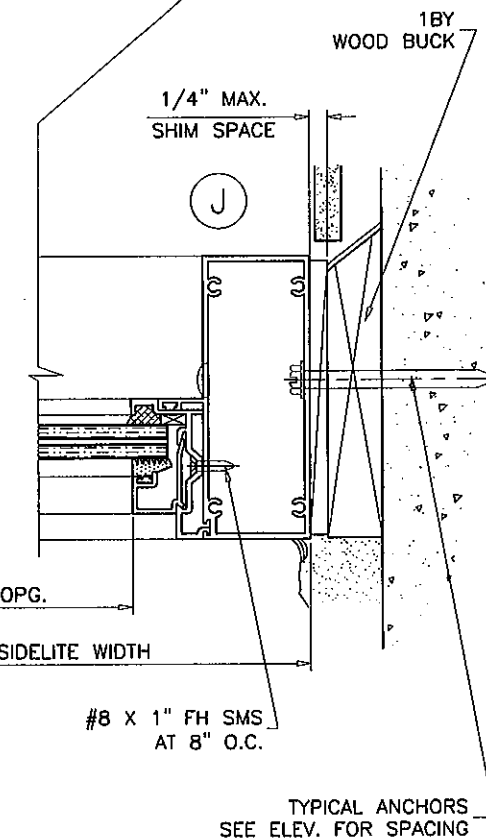
drawing no.
W01-20
 sheet 3 of 6



PRODUCT REVISED
to comply with the Florida
Building Code
Amendment No. 12-0305.03
Expiration Date 4/12/13
Issued Date: Product Control

Engr: JAVAD AHMAD
CIVIL
FLA REG # 70592
C.A.N. 3538

FEB 22 2012



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W01-20DAC

SERIES-100 ALUM SWING DOOR W/ SIDELITES

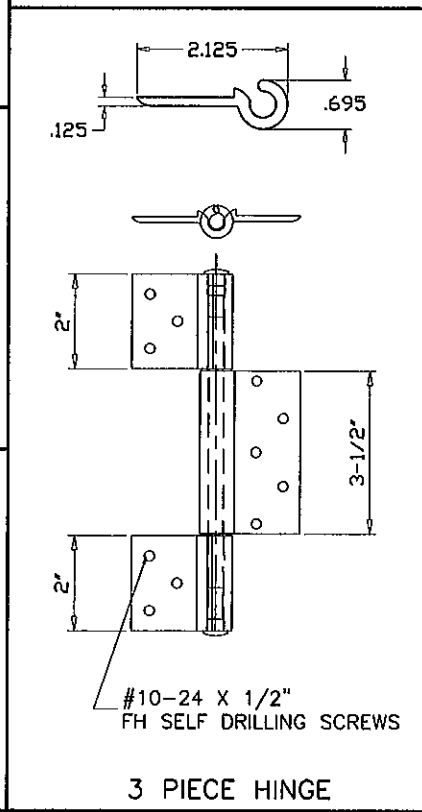
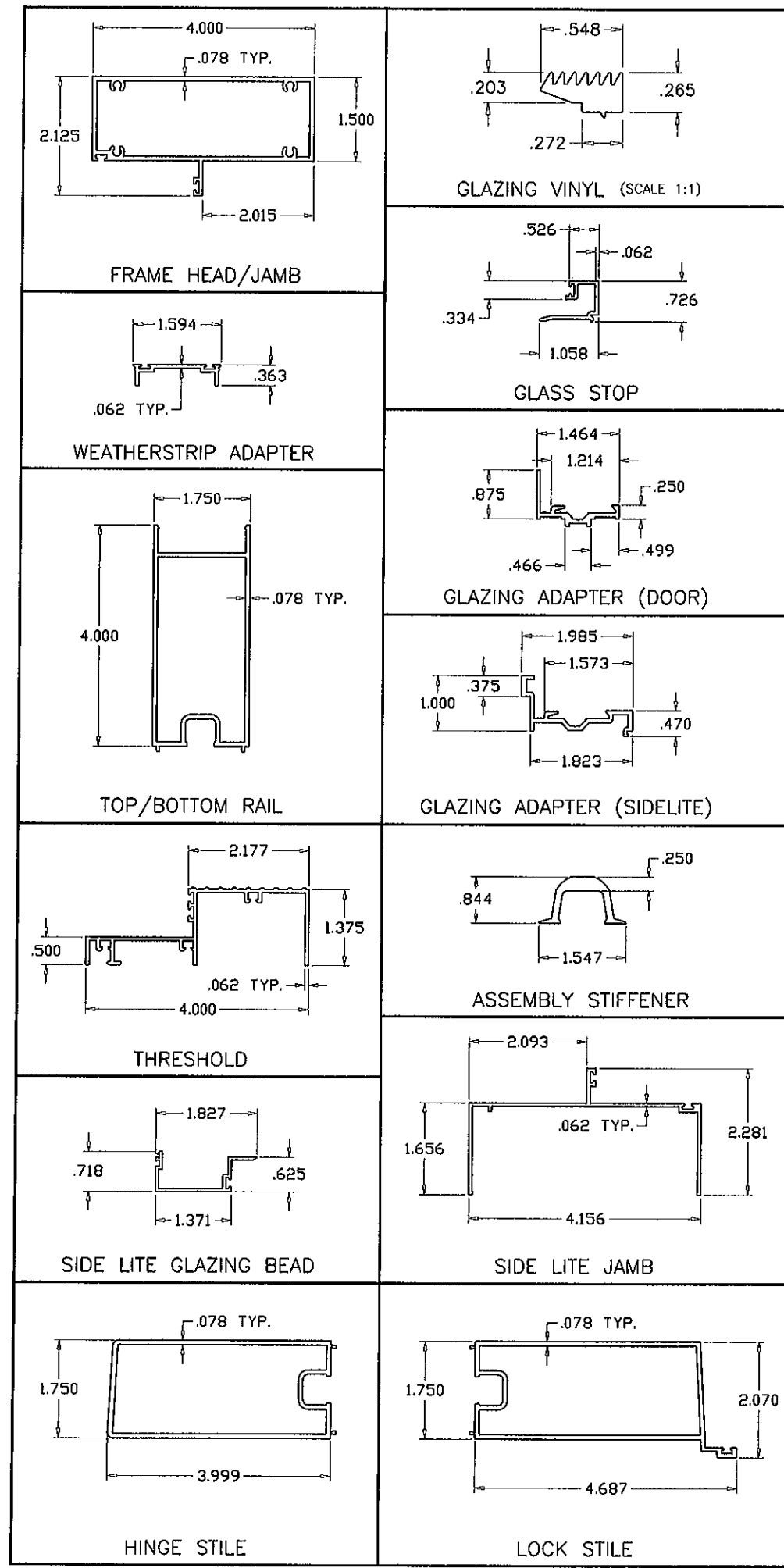
DORALUM CORPORATION
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TEL. (305) 884-3922 FAX (305) 884-1464

revisions:		by description	
no	date	no	date
B	12.12.06	1	UPDATED FOR 2204 FBC
C	02.22.12	2	NO CHANGE THIS SHEET

date: 04-21-01	scale: 3/8" = 1"	dr. by: HAMID	chk. by:
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drawing no.
W01-20

sheet 4 of 6



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SW-28899	3/DOOR	FRAME HEAD/JAMB	6063-T6	-
2	SW-28900	2/LEAF	DOOR TOP/BOTTOM RAIL	6061-T6	-
3	SW-28904	AS REQD.	WEATHERSTRIP ADAPTER	6063-T6	-
4	SW-28898	1/DOOR	THRESHOLD	6063-T6	-
6	SW-28896	1/LEAF	HINGE STILE	6063-T6	-
7	SW-28901	1/LEAF	LOCK STILE	6063-T6	-
8	SW-28897	AS REQD.	SIDELITE JAMB	6063-T6	-
9	SW-28903	1/CORNER	ASSEMBLY STIFFENER	6063-T6	-
10	SW-29244	3/LEAF	HINGE DOOR PORTION	6063-T6	-
11	SW-29245	3/LEAF	HINGE FRAME PORTION	6063-T6	-
12	-	2/LEAF	3/8" X 16 X 32" LONG THREADED ROD	STEEL	-
13	-	2/LEAF	3/8" X 16 NUT	-	-
14	-	1/HINGE	5/16" X 6" ROD	STEEL	PLATED STEEL
15	-	8/LEAF	1/4" SETTING BLOCK	NYLON	-
16	-	AS REQD.	GLAZING VINYL	VINYL	-
17	PW-101	AS REQD.	BULB WEATHERSTRIPPING	VINYL	-
18	PB-8400	AS REQD.	PILE WEATHERSTRIPPING	-	SCHLEGEL
19	SILICONE PLUS	-	SILICONE	-	DOW CORNING
20	5025	AS REQD.	FLUSH BOLTS	-	DELTA IND.
21	CP-B111	-	ENTRY LOCKSET	-	TACO OR WESTLOCK
22	#8X3/4" PHSMS	AS REQD.	ASSEMBLY SCREWS	-	AT ALL FRAME JOINTS
23	DOR-018	AS REQD.	GLAZING ADAPTER (DOOR)	6063-T6	-
24	DOR-017	AS REQD.	GLAZING ADAPTER (SIDELITE)	6063-T6	-
25	DOR-019	AS REQD.	GLASS STOP	6063-T6	-

LOCKS:

STANDARD STEEL THROW BOLT LOCK, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT EACH ACTIVE LEAF LOCK STILE, 45" FROM BOTTOM

CONVENTIONAL LOCKSET WITH KNOB, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR AT EACH ACTIVE LEAF LOCK STILE, 38" FROM BOTTOM

MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF EACH LEAF LOCK STILE (FLUSH BOLTS AT TOP & BOTTOM OF ACTIVE AND INACTIVE LEAFS TO BE ENGAGED DURING PERIODS OF HURRICANE WARNING)

HINGES:

EXTRUDED ALUMINUM BUTT HINGE 1/8" THICK AND 7-1/2" LONG WITH 5/16" PLATED STEEL ROD AT EACH LEAF JAMB STILE ONE EACH AT 10" FROM TOP & BOTTOM AND ONE AT MIDSPAN

PRODUCT REVISED
 As complying with the Florida Building Code
 Amendment No. J2-0305-03
 Expiration Date 1/1/13
 by Ishag Alihalla
 Product Control

Engr. JAVAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538

FEB 23 2012

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
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 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W01-20DAC

SERIES-100 ALUM SWING DOOR W/ SIDELITES

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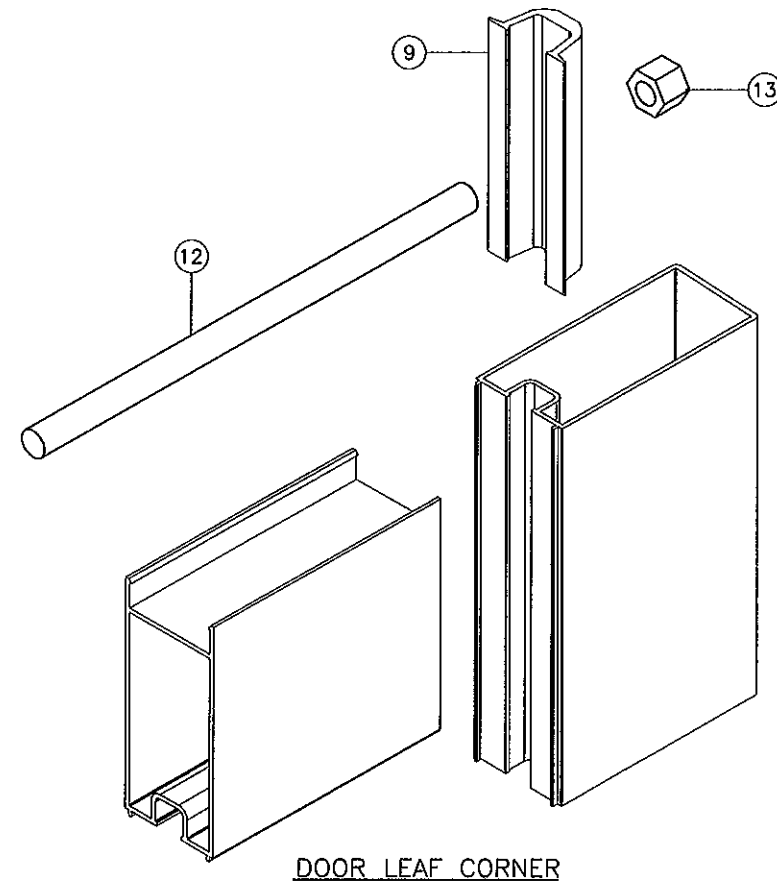
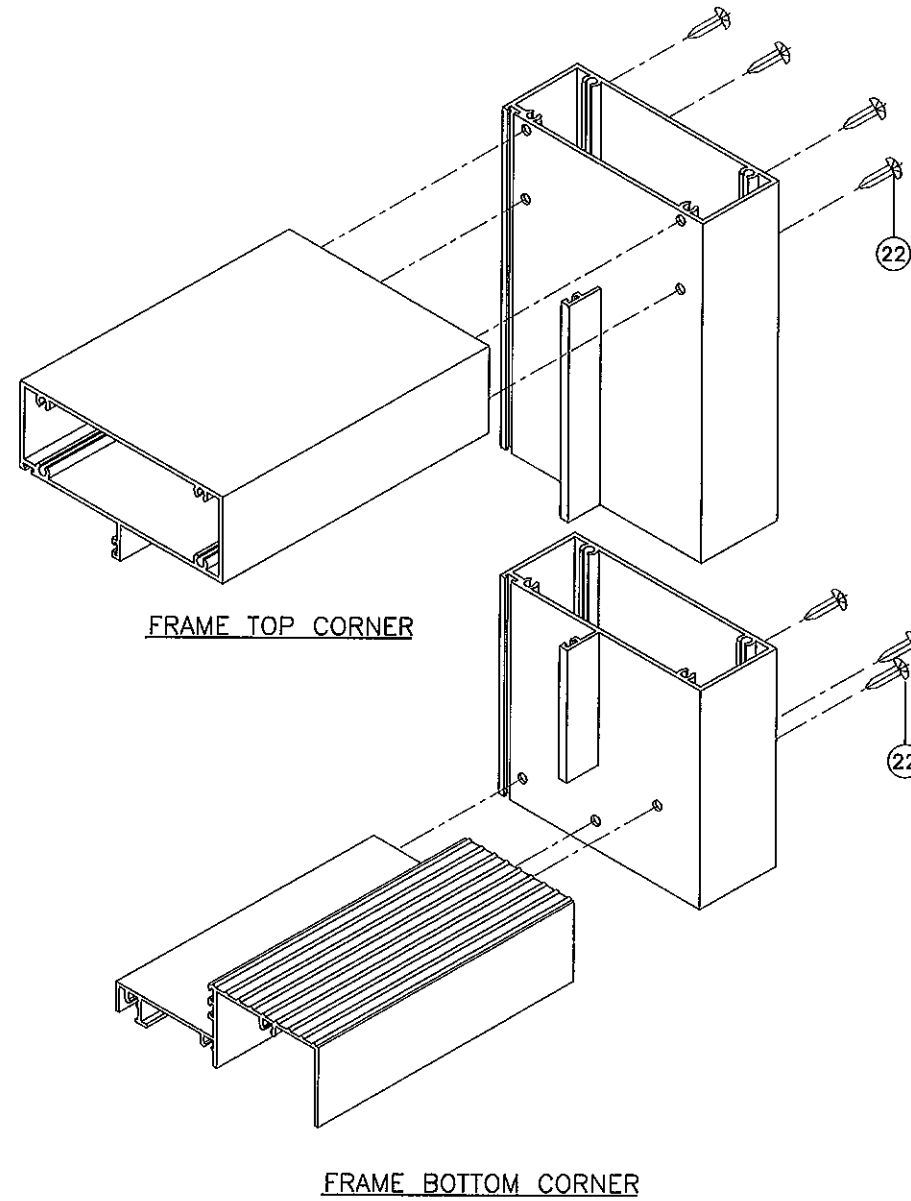
revisions:

no	date	by	description
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C	02.22.12		NO CHANGE THIS SHEET

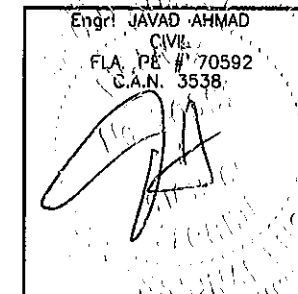
date: 04-21-01
 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W01-20

sheet 5 of 6



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 12-030503
 Expiration Date 4/12/13
 By Ighas L. Llyn
 School Dist: Pinellas County



af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL \ W01-20DAC

SERIES-100 ALUM SWING DOOR W/ SIDELITES
DORALUM CORPORATION
 7040 N.W. 77 TERRACE
 MIAMI, FL. 33166
 TEL. (305) 884-3922 FAX (305) 884-1464

revisions:		
no	date	by description
B	12.12.06	UPDATED FOR 2204 FBC
C	02.22.12	NO CHANGE THIS SHEET

date: 04-21-01
 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W01-20
 sheet 6 of 6